



T.W. Fuehrer 3-48-26-2 #3

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Inductive Coupling For Silicon Data Access Arrangement** the specification of which was filed on November 28, 2000 as application Serial No. 09/723451.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Parent Application Serial No.

09/605953

Parent Filing Date

June 28, 2000

Parent Patent Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Scott W. McLellan	(Reg. No. 30776)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

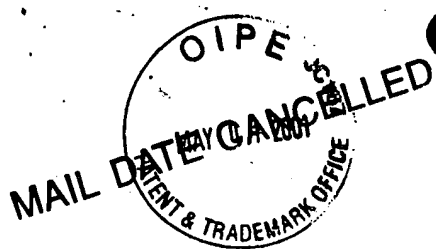
Please address all correspondence to the Docket Administrator, Agere Systems Inc., P. O. Box 614, Berkeley Heights, New Jersey 07922-0614. Telephone calls should be made to Mark A. Kurisko by dialing 610-712-3754.

Full name of 1st joint inventor: Timothy W. Fuehrer
 Inventor's signature Timothy W. Fuehrer Date 4-27-2001
 Residence: ~~Phillipsburg, Warren County, New Jersey~~ 136 Grandview DR.
 Citizenship: United States of America EASTON, PA. 18045
 Post Office Address: ~~648 Belvidere Road~~
~~Phillipsburg, New Jersey 08865~~
 Residence: EASTON, NORTHAMPTON COUNTY, PA.

Full name of 2nd inventor: Donald Raymond Laturrell
 Inventor's signature Donald R. Laturrell Date 4-25-2001
 Residence: Allentown, Lehigh County, Pennsylvania
 Citizenship: United States of America
 Post Office Address: 10 Highsaddle Lane
 Allentown, Pennsylvania, 18104

Full name of 3rd inventor: Lane A. Smith
 Inventor's signature Lane A. Smith Date 4-27-01
 Residence: Easton, Northampton County, Pennsylvania
 Citizenship: United States of America
 Post Office Address: 905 Schuyler Drive
 Easton, Pennsylvania, 18040

Full name of 4th inventor: Christopher J. Wittenboldner
 Inventor's signature Christopher J. Wittenboldner Date 4-27-01
 Residence: ~~Matawan, Middlesex County, New Jersey~~ Alburtis, Lehigh County, PA
 Citizenship: United States of America
 Post Office Address: ~~47 Laurie Court~~ 1712 Pinewind Dr.
~~Matawan, New Jersey, 07747~~ Alburtis, PA 18011



EXECUTION COPY

PATENT ASSIGNMENT

by and between

LUCENT TECHNOLOGIES INC.

and

AGERE SYSTEMS GUARDIAN CORP.

Dated as of January 30, 2001

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

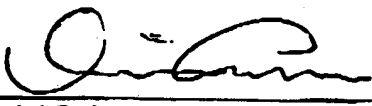
ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

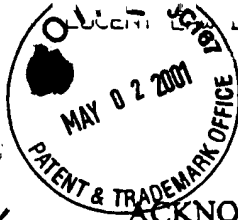
IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

LUCENT TECHNOLOGIES INC.

By: 
Daniel P. McCurdy
President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

By: 
Fred M. Romano
President



Execution Copy

ACKNOWLEDGMENTS

STATE OF NEW JERSEY)

: ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

- a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and
- b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.

Name **TAMORA ANNE HANNA**
Notary Public **Notary Public of New Jersey**
My Commission Expires **Registered in Hunterdon County**
[Notarial Seal] **My Commission Expires March 25, 2002**

STATE OF FLORIDA)

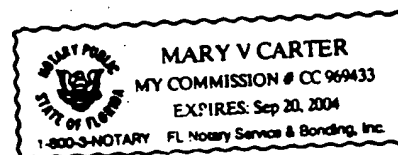
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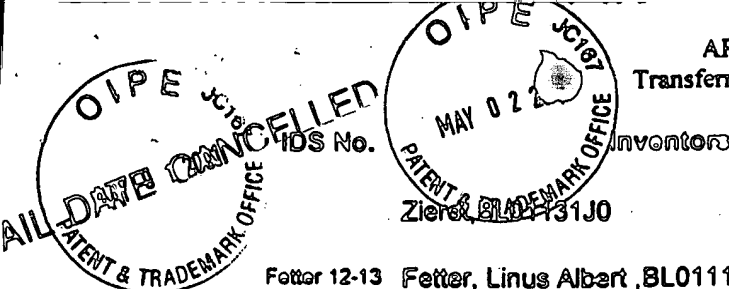
COUNTY OF ORANGE)

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

- a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp. ; and
- b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.

Name
Notary Public
My Commission Expires:
[Notarial Seal]





APPENDIX B (continued) Transferred Patents (patent disclosures)



Subject Matter

Fetter 12-13	Fetter, Linus Albert ,BL0111130,Lenz, Gadi ,BL0111160,	High Resolution Ablation Of Thin Films
Fischer 34-46	Fischer, Jonathan Herman ,5388CR200,Laturell, Donald Raymond ,5388CR200,	High Output Power Digital to Analog Converter
Fischer 35-47-14	Jonathan H Fischer,5388CR200;Donald R Laturell,5388CR200;Vladimir Sindalovsky,5388CR200	Adaptive Interference Cancellation For ADSL
Fredrickson 1	Fredrickson, Lisa ,OUTSIDE,	Improved Multi-Rate Reed Solomon Encoders
Frei 8-17-62-7-17	Frei, Michel Ranjit ,BL0111240,King, Clifford Alan ,BL0111240,Ma, Yi ,538113000,Mastrapasqua, Marco ,BL0111240,Ng, Kwok K ,BL0111240,	Heterojunction Bipolar Transistor
Fuehrer 3-48-26-2	Timothy W Fuehrer,5388CR200;Donald R Laturell,5388CR200;Lane A Smith,5388CR200;Christopher J Wittensohn,5388CR300	Inductive Coupling For Silicon Data Access Arrangement
Glebov 3-50-23	Alexei Glebov,BL0111240;Isik C Kizilyalli,5381C1000;Ranbir Singh,5381C4000	Porous-Si for ILD Using A Damascene Process
Goldovsky 9	Alexander Goldovsky,538843000	Fast Overflow Flag Generation for Addition Operation
Goodwin 4-4-2	Charles A Goodwin,55K095500;Daniel D Leffel,55K095100;William R Lewis,50N032000	Nitride Layer In Dielectrically Isolated Substrates
Hakami 1	Mohammad R Hakami,538841000	Hierarchical Carry-Select Multiple-Input Split Adder
Harris 9	Edward B Harris,5381C8000	Method Of Etching Self-Aligned Vias To Metal Using A Silicon Nitride Spacer
Havens 12-7-4	Joseph H Havens,538710000;Bruce W McNeill,571000000;Christopher J Strobel,50M333300	Tracking Percent Overload Signal As Indicator of Output Signal Magnitude
Higashi 13	Gregg S Higashi,538113000	ORNA
Higashi 14	Gregg S Higashi,538113000	System and Method For Removal Of Material
Hossain 2	Hossain, Ashfaq ,BL0314400,	Balancing Load On Internet Servers Using Fuzzy Logic-Based Decisions
Houge 15-20-12-28-19	Houge, Erik Cho ,55K11J000,McIntosh, John Martin ,538116000,Plew, Larry E. ,55K11J000,Stavia, Fred Anthony ,55K11J000,Vartuli, Catherine ,55K11J100,	Determining Two Overlapping Kikuchi Band Formation Patterns In Electron Backscatter Diffraction Pattern Analysis
Houge 17	Erik C Houge,55K11J000	Optical Structures And Methods For X-Ray
Houge 6-15-18-1-11	Houge, Erik Cho ,55K11J000,McIntosh, John Martin ,538116000,Stavia, Fred Anthony ,55K11J000,Vallee, Steven Barry ,55K11J100,Vartuli, Catherine ,55K11J100,	Mass Spectrometer Particle Counter
Huggins 6	Harold A Huggins,BL01131F0	Method Of Fabricating Thin Film R.F. Components On Membranes
Jin 202-59	Jin, Sungho ,BL0111750,Zhu, Wei ,BL0111750,	Process For Controlled Growth Of Carbon Nanotubes